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# State Examination System and Mathematics in the Tang Dynasty

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**Abstract:** The purpose of this paper is to discuss the relationship between mathematics and the state examination system in the Tang dynasty. This topic has rarely been explored by historians. China's mathematics was once in a strong position. How was mathematics viewed in China's prosperous age? Scholars generally believe that the imperial examination system in the Tang dynasty was not conducive to mathematics development. The purpose of this paper is to provide readers with another perspective to understand the relationship between the development of mathematics and state examination system in the Tang dynasty. Many studies of the history of mathematics only focus on mathematicians and mathematics literature, and rarely combine sociological and historical perspectives to understand mathematics. Therefore, this paper is written based on the history of mathematics, using various mathematical documents, such as Suanjing and other research conducted by historians, supplemented by sociological theories, in order to understand the value of mathematics from the perspective of sociology.

**Keywords:** sociology, mathematics, social control, social education, Tang Dynasty